International application No.

	PC'	T/JP2005/014282	
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ G02B6/42, H01L31/0232, 33	3/00, H01R13/46, 31/06	6	
According to International Patent Classification (IPC) or to both	national classification and IPC		
B. FIELDS SEARCHED	•		
Minimum documentation searched (classification system followed Int.Cl ⁷ G02B6/24, 6/255, 6/26, 6/31/02, 31/0232, 31/08, 31/09, 31, 31/0264, 33/00, 51/10, H01R13/40	/30-6/34, 6/36-6/40, 6 /10, 31/107, 31/08, 3	1/111, 31/0248,	
Documentation searched other than minimum documentation to the Jitsuyo Shinan Koho 1922-1996 Kokai Jitsuyo Shinan Koho 1971-2005	Jitsuyo Shinan Toroku I Toroku Jitsuyo Shinan I	Koho 1996-2005 Koho 1994-2005	
Electronic data base consulted during the international search (na WPI, JSTPlus (JOIS)	me of data base and, where practicable	e, search terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, wh	ere appropriate, of the relevant passage	es Relevant to claim No.	
Y KR 2004-110660 A (OPTICIS A 31 December, 2004 (31.12. Full text; Figs. 2 to 3 (Family: none)		1-3,9 4-8,11	
Y JP 2004-12624 A (Fujikura A 15 January, 2004 (15.01.0 Par. Nos. [0012] to [0015 (Family: none)	5.01.04),		
A JP 2005-202229 A (Fuji Xe 28 July, 2005 (28.07.05), Fig. 5 (Family: none)	erox Co., Ltd.),	1-9,11	
Further documents are listed in the continuation of Box C.	See patent family annex	•	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered be of particular relevance "E" carlier application or patent but published on or after the international	to date and not in conflict with the principle or theory underly filing "X" document of particular relevan	date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	considered novel or cannot be considered to involve an inventive step when the document is taken alone ation date of another citation or other "Y" document of particular relevance; the claimed invention cannot be		
"O" document referring to an oral disclosure, use, exhibition or other means "P* document published prior to the international filing date but later than the priority date claimed considered to involve an inventive step when the document combined with one or more other such documents, such comb being obvious to a person skilled in the art document member of the same patent family		her such documents, such combination led in the art	
Date of the actual completion of the international search 30 August, 2005 (30.08.05)		Date of mailing of the international search report 13 September, 2005 (13.09.05)	
Name and mailing address of the ISA/ Japanese Patent Office	· Authorized officer		
Facsimile No. Form PCT/ISA/210 (second sheet) (January 2004)	Telephone No.		

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the releva	nt passages	Relevant to claim No
A	JP 2003-114364 A (Taiko Denki Kabushiki Kaisha), 18 April, 2003 (18.04.03), Figs. 1 to 5 (Family: none)		1-9,11
A	JP 2005-25127 A (Hoshiden Kabushiki Kais 27 January, 2005 (27.01.05), Figs. 1 to 7 (Family: none)	ha),	1-9,11
A	JP 2002-267892 A (Fujikura Ltd.), 18 September, 2002 (18.09.02), Figs. 1 to 2 (Family: none)	·	1-9,11
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Вох №. П	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
1. Claims	search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Nos.: e they relate to subject matter not required to be searched by this Authority, namely:
because extent to Claim 1 and 9 to a consequent.	Nos.: 10 they relate to parts of the international application that do not comply with the prescribed requirements to such an that no meaningful international search can be carried out, specifically: 10 describes "the projection engagement section;" however, claims to which claim 10 refers back do not describe the above matter. As sence, the requirement of clarity of PCT Article 6 is not satisfied. Nos.: e they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
 As all reclaims. As all seany addi As only 	equired additional search fees were timely paid by the applicant, this international search report covers all searchable carchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of itional fee. some of the required additional search fees were timely paid by the applicant, this international search report covers one claims for which fees were paid, specifically claims Nos.:
	test The additional search fees were timely paid by the applicant. Consequently, this international search report is ed to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

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Continuation of Box No.III of continuation of first sheet (2)

Claim 10 describes "the projection engagement section;" however, claims 1 and 9 to which claim 10 refers back do not describe the above matter. As a consequence, the requirement of clarity of PCT Article 6 is not satisfied. Accordingly, the search has been made for the scope clearly supported and disclosed which is claims 1-9, and 11.